

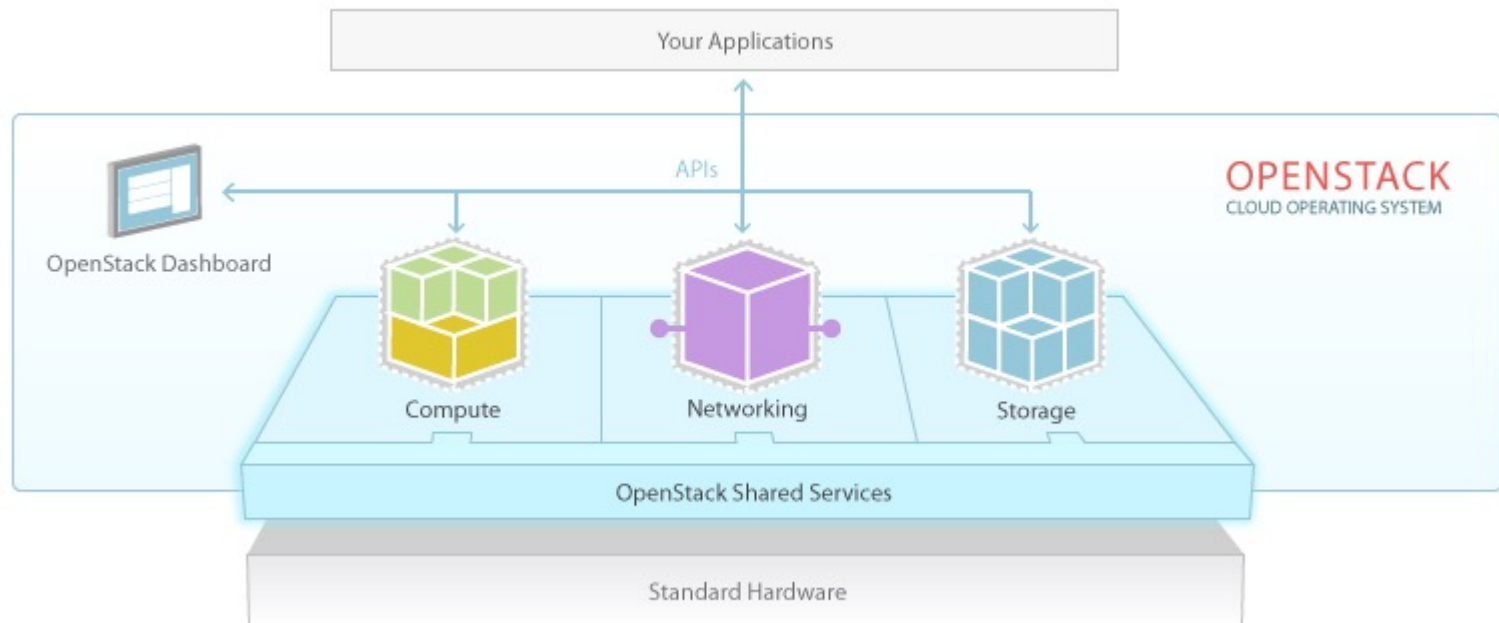


**THE OPERATING SYSTEM
FOR THE CLOUD**

ECE530 Cloud Computing
Introduction to OpenStack Services
Ioannis Papapanagiotou

What is OpenStack?

- Open source cloud computing platform
- Infrastructure-as-a-Service solution
- Many independent services



Quick Facts

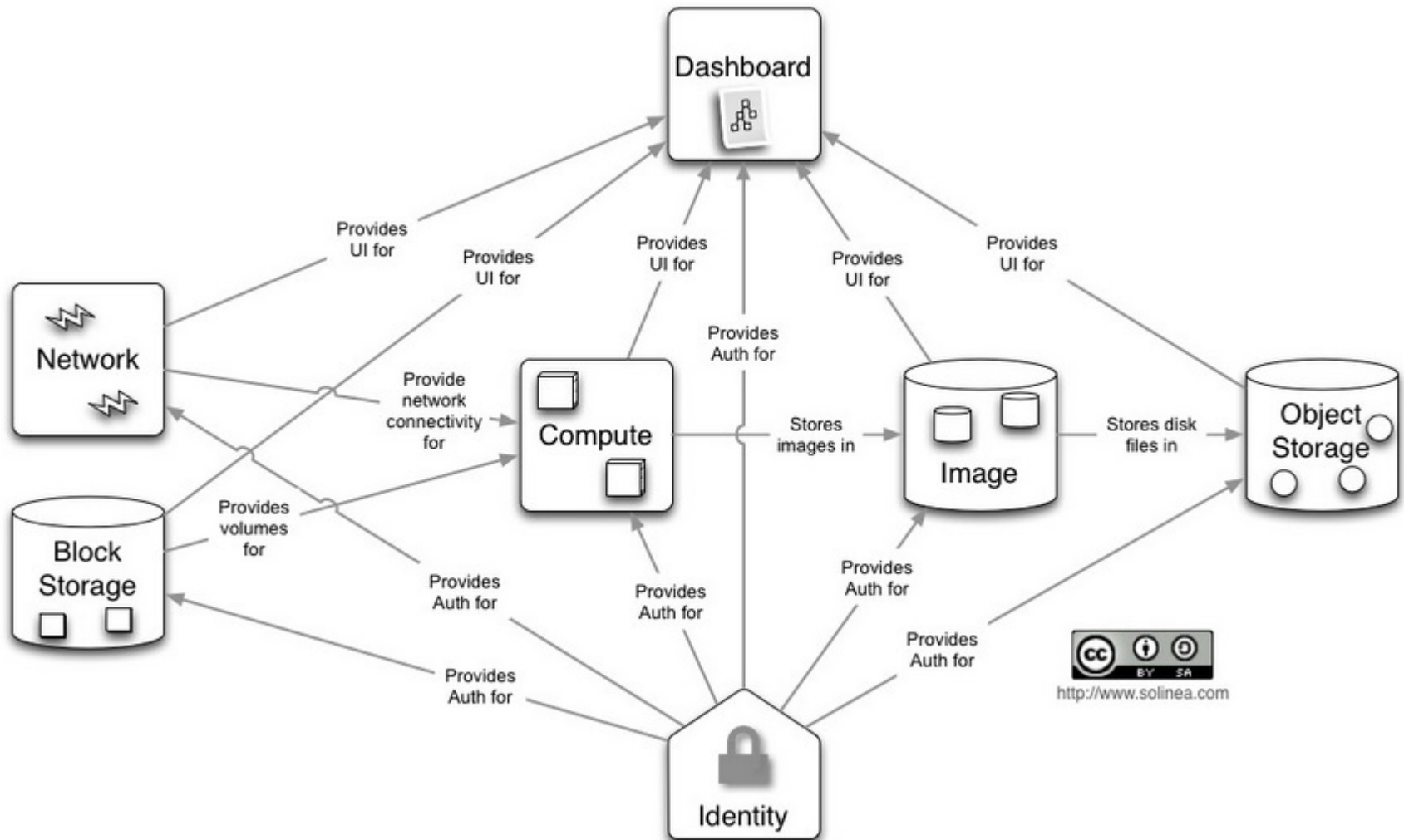
- OpenStack was a joint cloud computing project by Rackspace and NASA aimed to provide IaaS.
- Launched in July 2010, today, OpenStack is a community consisting of 15000+ people in 136 Countries.
- OpenStack has 1 million+ lines of code in Python

Open source community

- More than 200 companies have joined the project



High-level Architecture



OpenStack Components

